

# Evaluating Water Quality Standards for the Protection of Human Health in Alamo and Ulatis Creeks and Cache Slough, Solano County

CEQA Scoping Meeting  
28 June 2007



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Alamo, Ulatis and Cache CEQA Scoping

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# Purpose of Meeting

Solicit public comments on  
environmental impacts and  
alternatives for the proposed  
Basin Plan amendment

# Agenda

- Federal & State requirements
- Basin Plan and the amendment process
- Conditions in Project area
- Proposed Alternatives
- CEQA Checklist
- Questions/Discussion

# Federal Requirements

- Clean Water Act Requires States to:
  - Designate beneficial uses of water
  - Establish water quality criteria to protect the uses

# State Requirements

- Porter-Cologne Water Quality Control Act:
  - Establishes Regional Water Boards responsible for protecting surface & groundwater quality
  - Requires Regional Water Boards to establish Basin Plans

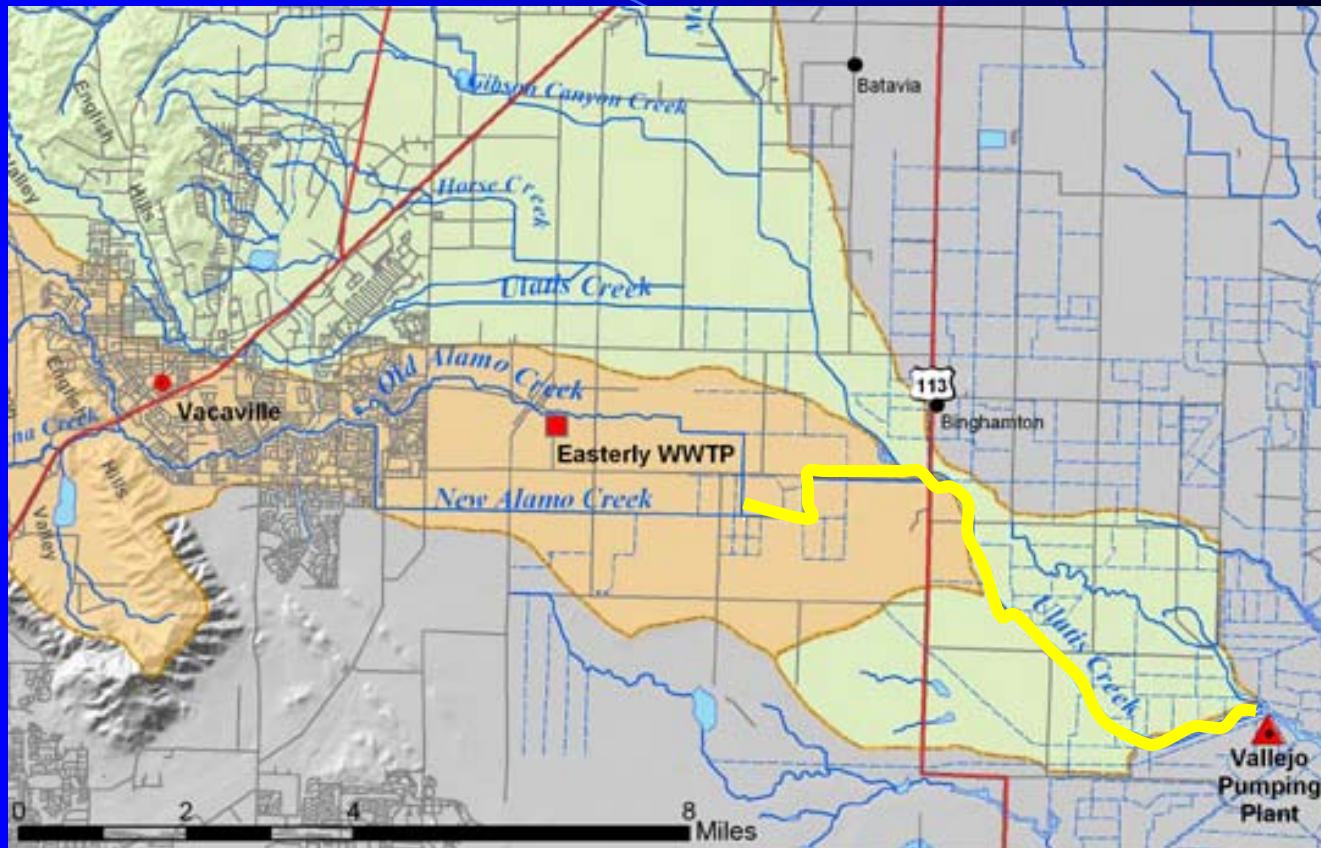
# Water Quality Control Plan – Basin Plan

- Designates beneficial uses
- Establishes water quality objectives
- Describes implementation plan
- Describes monitoring & surveillance program

# Basin Plan Amendment Process

- Regional Water Board adoption
- State Water Resources Control Board approval
- Office of Administrative Law approval
- USEPA approval

# Project Area



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# Vallejo Abandoned Pumping Station



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# Need for Project

- Water quality standards do not appear to be appropriate
- Identify appropriate water quality standards

## Existing Conditions

- WQOs exceeded in the lower reaches of Alamo and Ulati Creeks
- WQOs and BUs met in Cache Slough at the abandoned pump station
- Easterly WWTP exceeds permit limits for nitrate, chloroform, chlorodibromomethane and dichlorobromomethane
- Other potential causes

## Beneficial Uses for Alamo and Ulatis Creeks and Cache Slough

|        |        |
|--------|--------|
| ●MUN   | ●AGR   |
| ●IND   | ●PRO   |
| ●REC-1 | ●REC-2 |
| ●WARM  | ●COLD  |
| ●MIGR  | ●SPWN  |
| ●WILD  | ●NAV   |

# Proposed Alternatives - Beneficial Uses

- Information suggests that MUN is neither existing nor attainable
  - Use surveys
  - Water quality
- Human health must be protected
- Dededesignate MUN and designate a more appropriate beneficial use

## Proposed Alternatives - Water Quality Objectives

- Dedesignate MUN-human health WQOs will no longer apply
- Must protect existing and attainable human health use

# CEQA Checklist

- Aesthetics
- Agricultural resources
- Air quality
- Biological resources
- Cultural resources
- Geology & soils
- Hazardous materials
- Hydrology & water quality
- Land use & planning
- Mineral resources
- Noise
- Population & housing
- Public services
- Recreation
- Transportation/traffic
- Utilities & sewer services

# Schedule

| Milestone                     | Estimated Date       |
|-------------------------------|----------------------|
| <b>CEQA Scoping</b>           | <b>June 2007</b>     |
| Technical Reports             | Nov 2007             |
| Prepare Staff Report          | Jan-Mar 2008         |
| Peer Review of Staff Report   | April-May 2008       |
| <b>Public Comment Period</b>  | <b>May-July 2008</b> |
| <b>Regional Board Hearing</b> | <b>Aug 2008</b>      |
| State Board Hearing           | Feb 2009             |
| USEPA Approval                | Sept 2009            |



# More Information

- <http://www.waterboards.ca.gov/centralvalley/>
  - Click on “Available Documents”
  - Click on “Basin Plans”
  - Click on “Alamo Creek, Ulati Creek and Cache Slough, Solano County”
- Future Notifications
  - Email subscription (from Website)
  - Postal mail (leave name & address)

# Contact Information

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# Comments

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